

FIG. 1

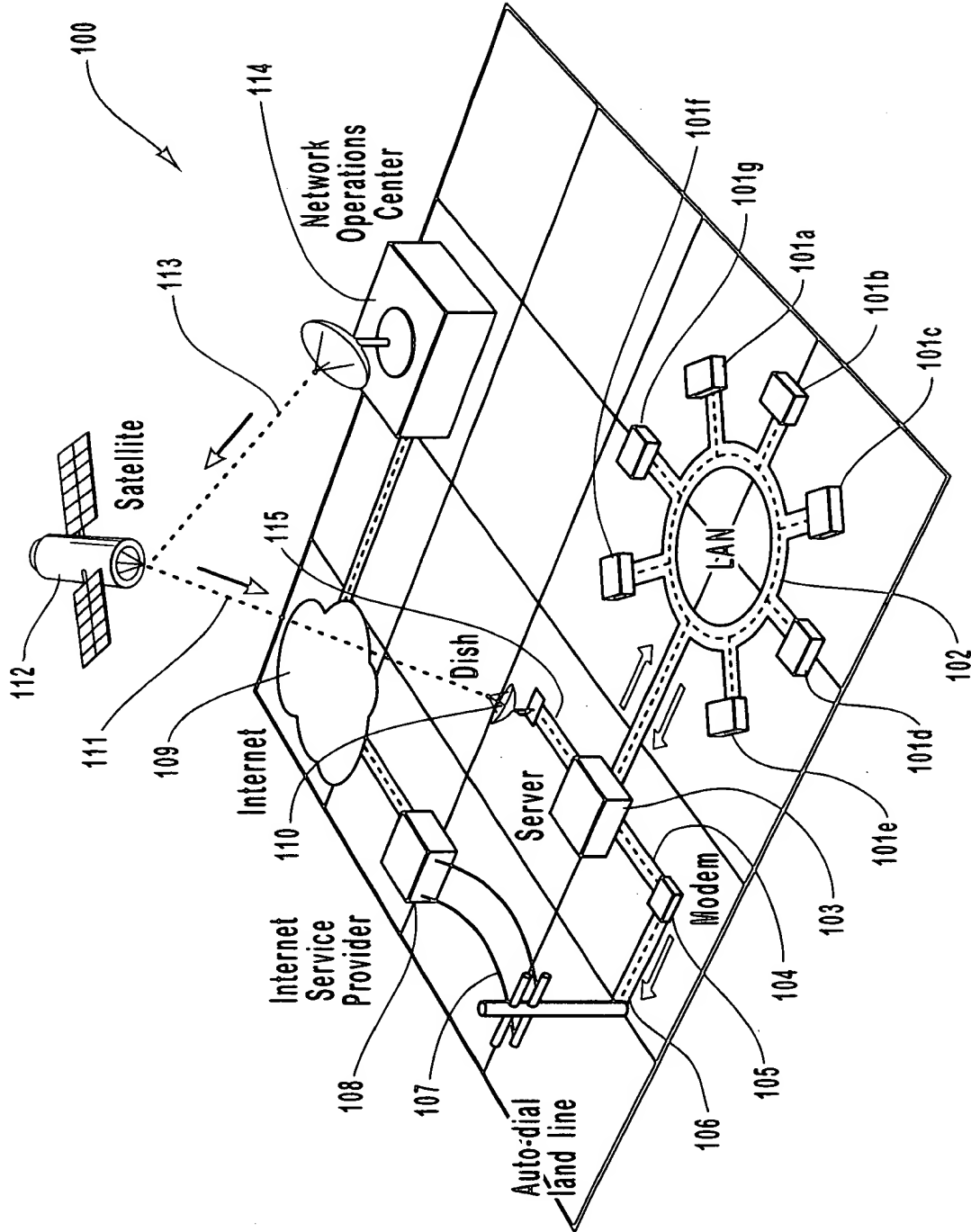


Fig. 1

FIG. 2

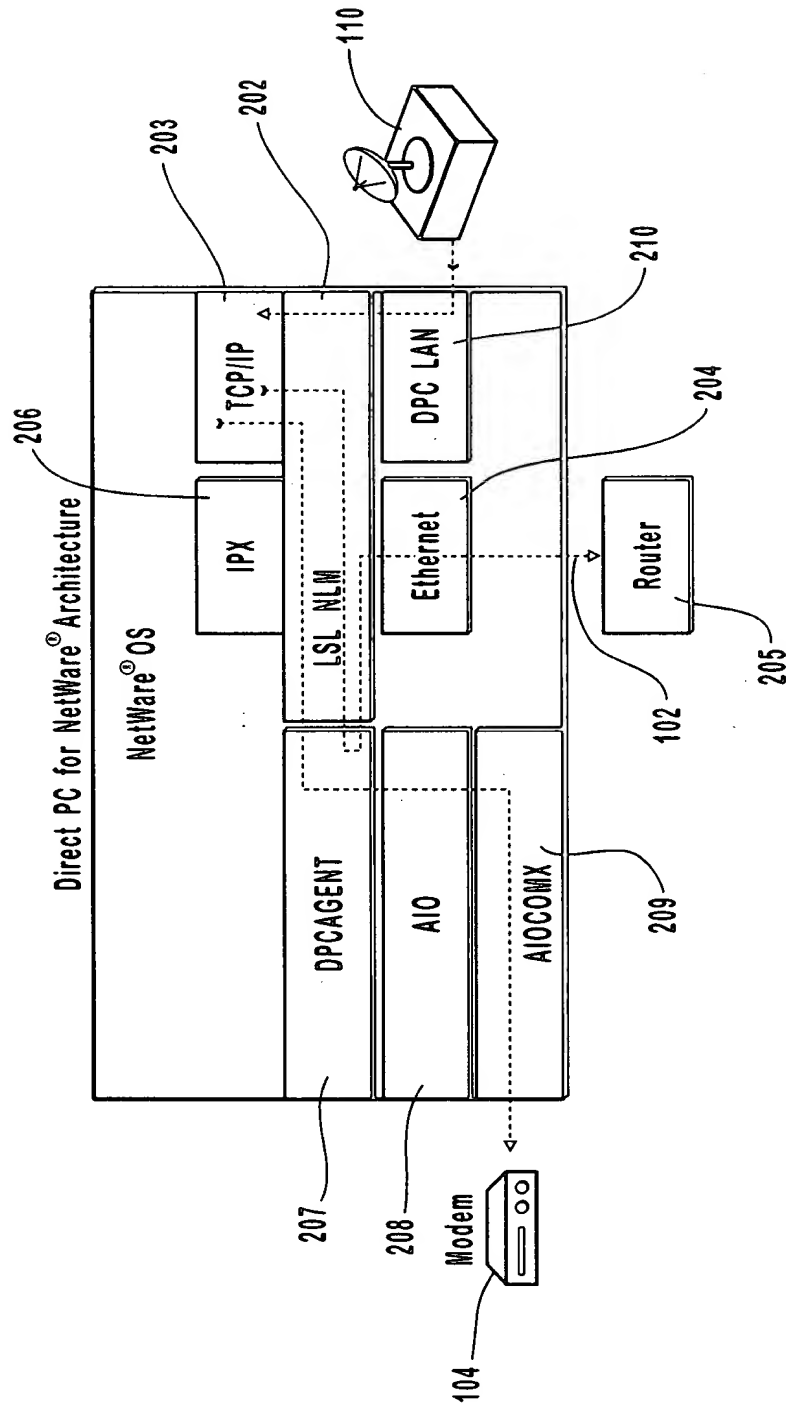


Fig. 2

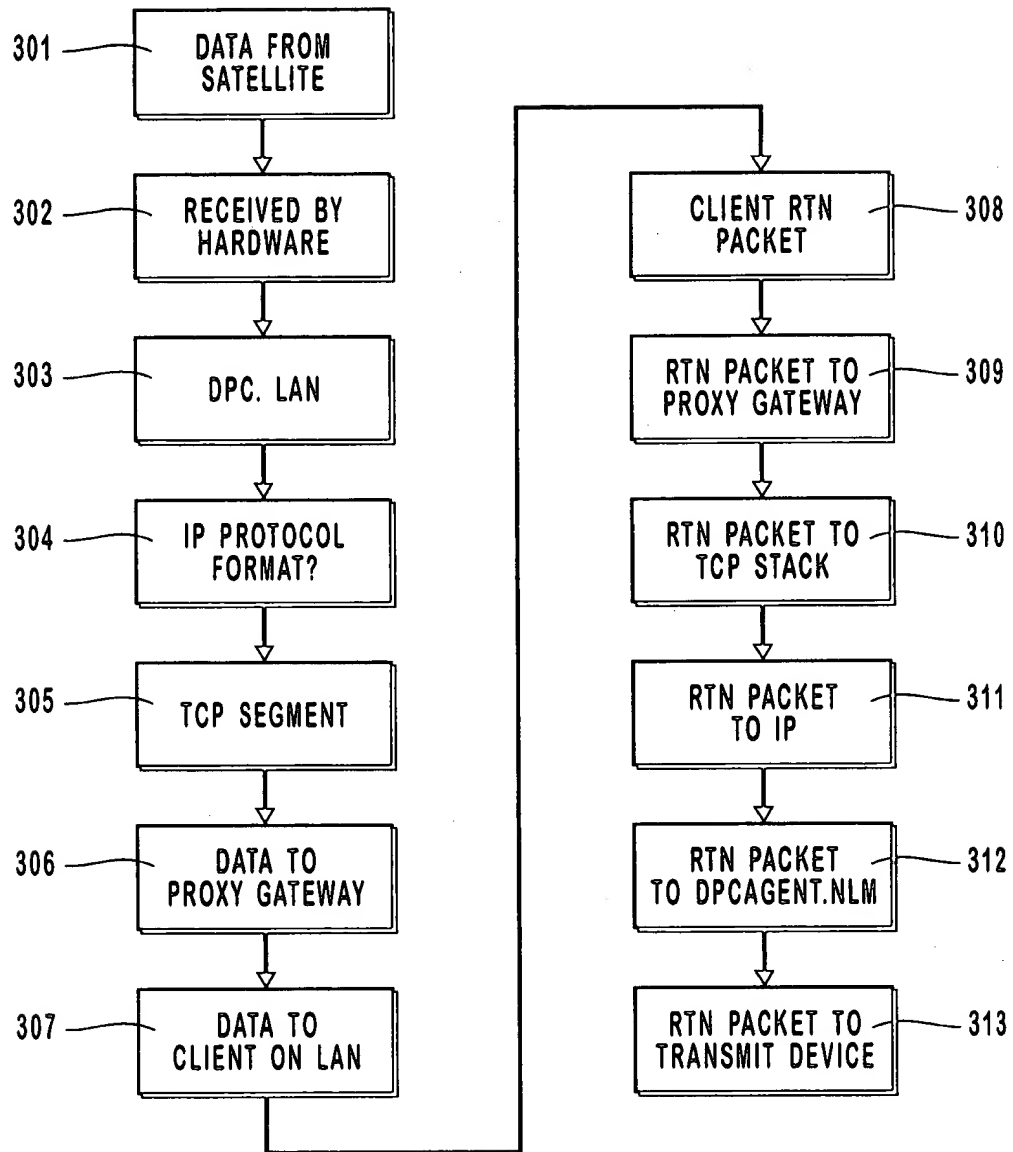


Fig. 3

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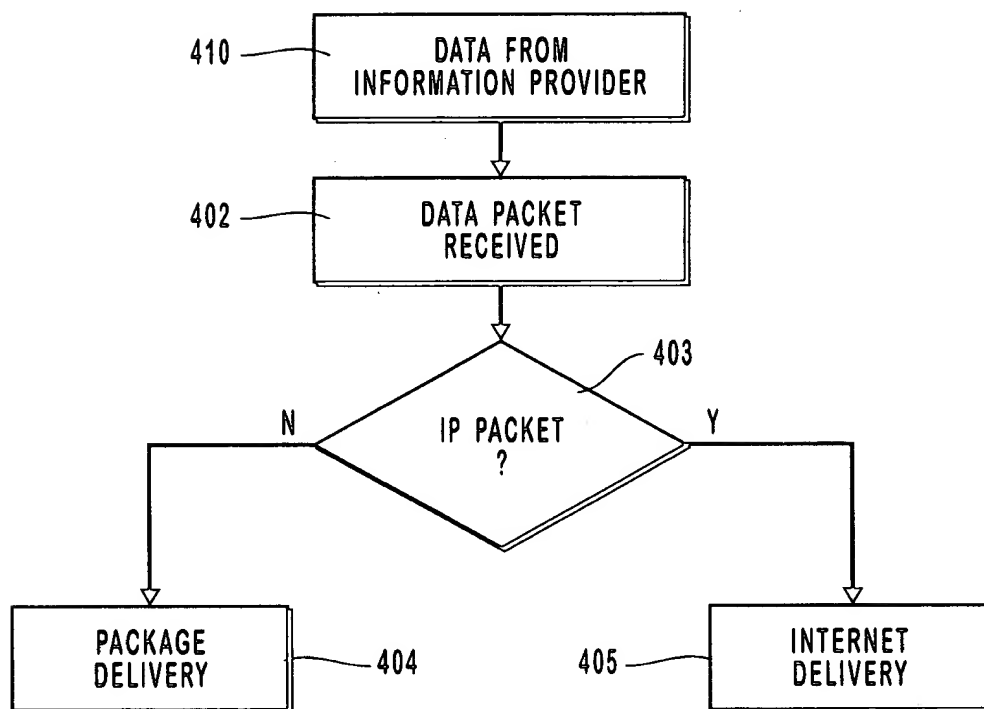


Fig. 4

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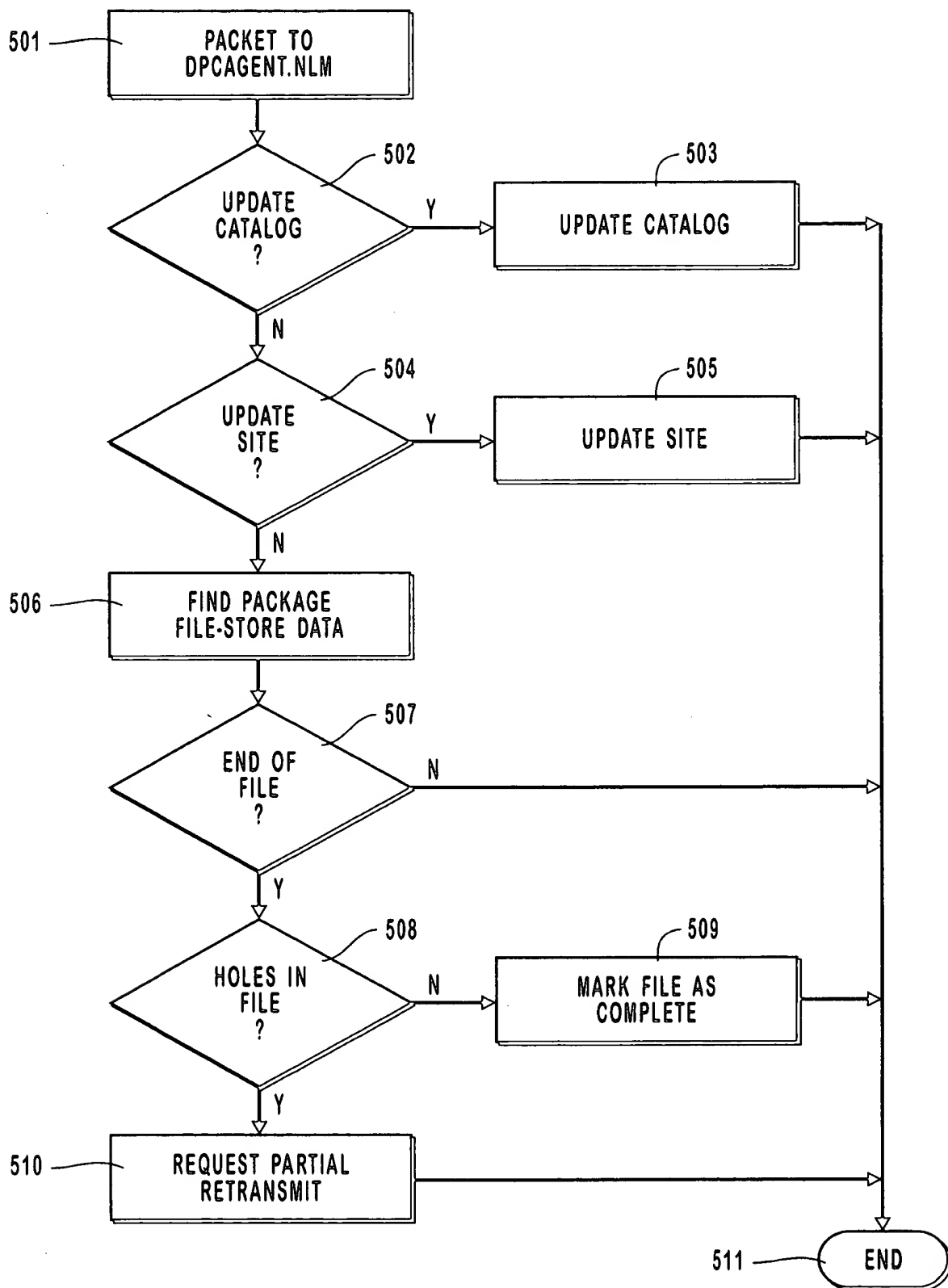


Fig. 5

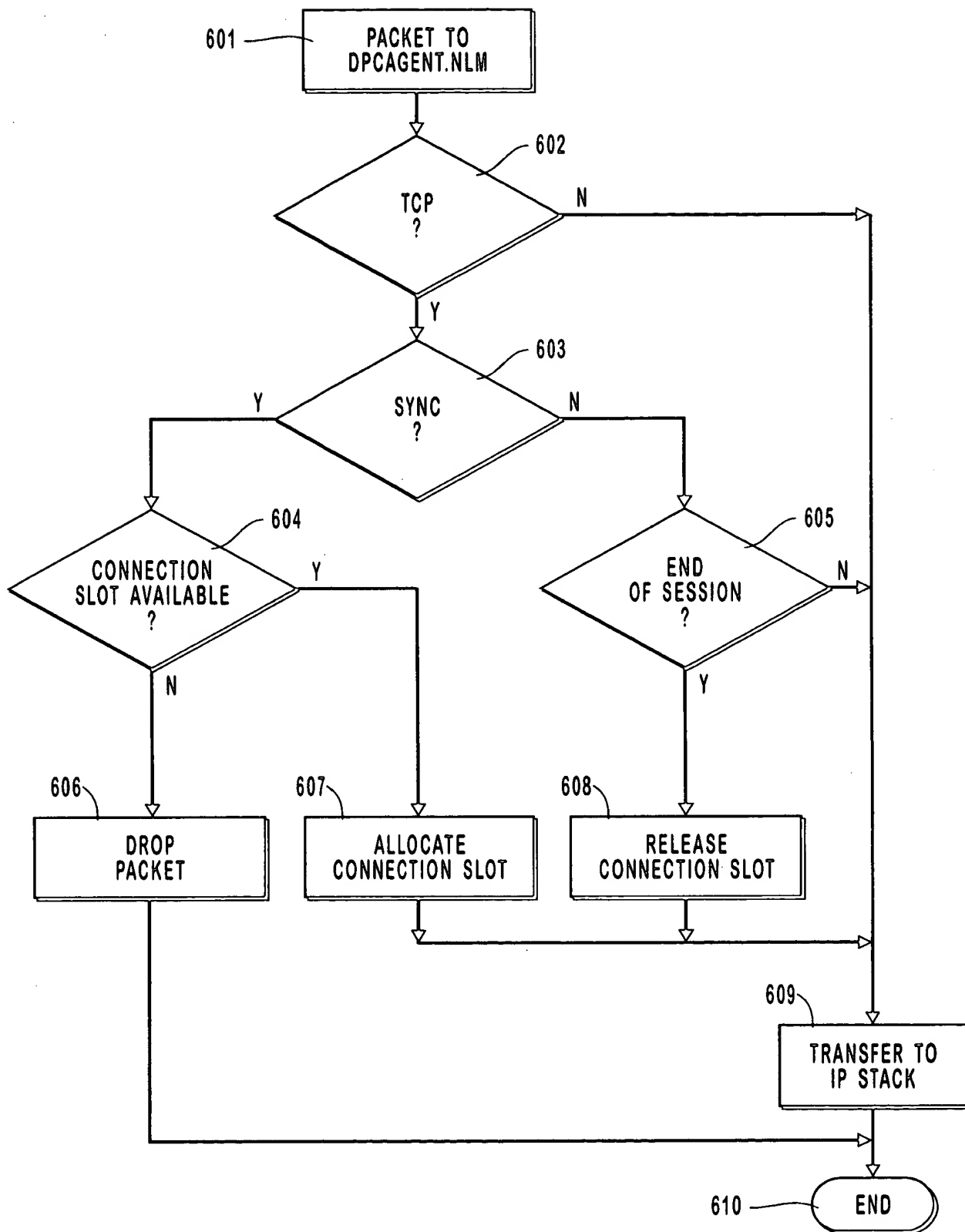


Fig. 6

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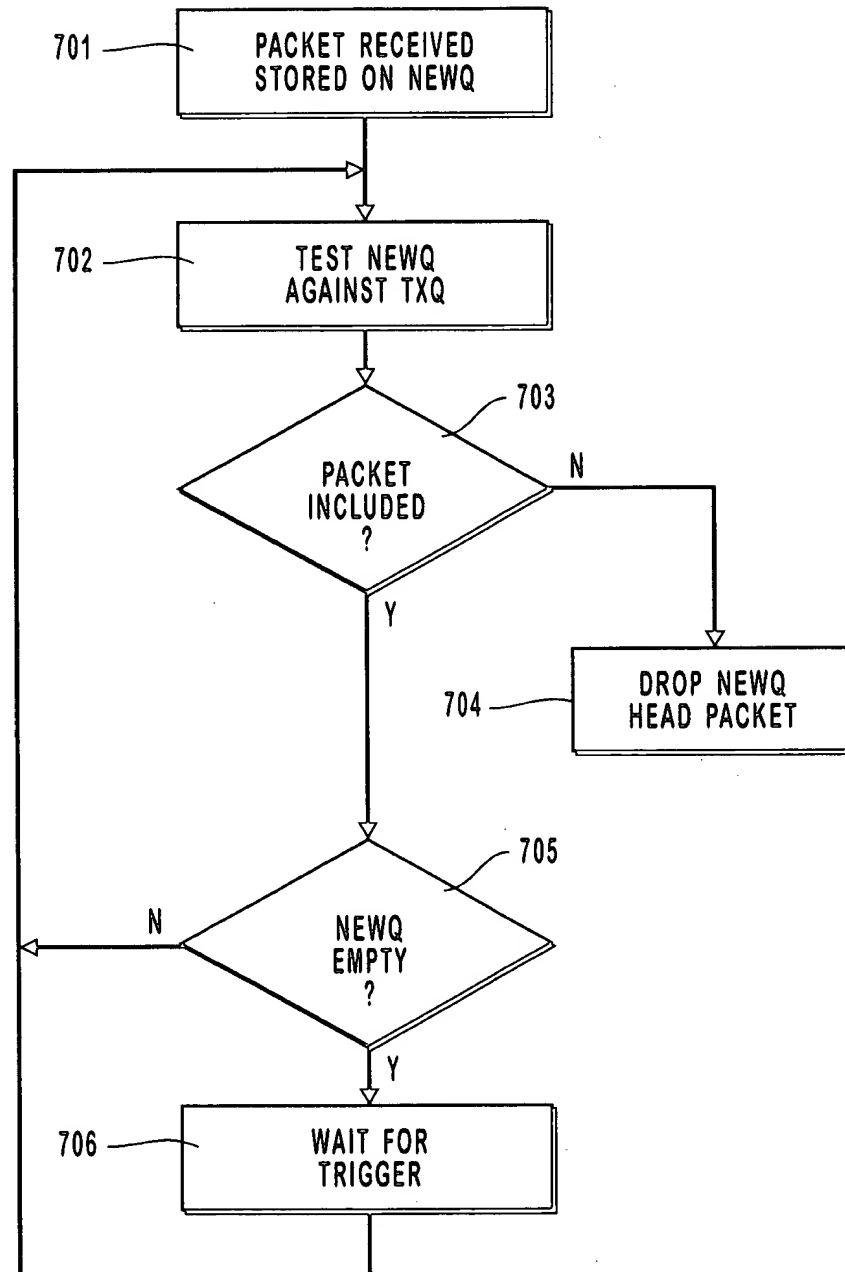


Fig. 7

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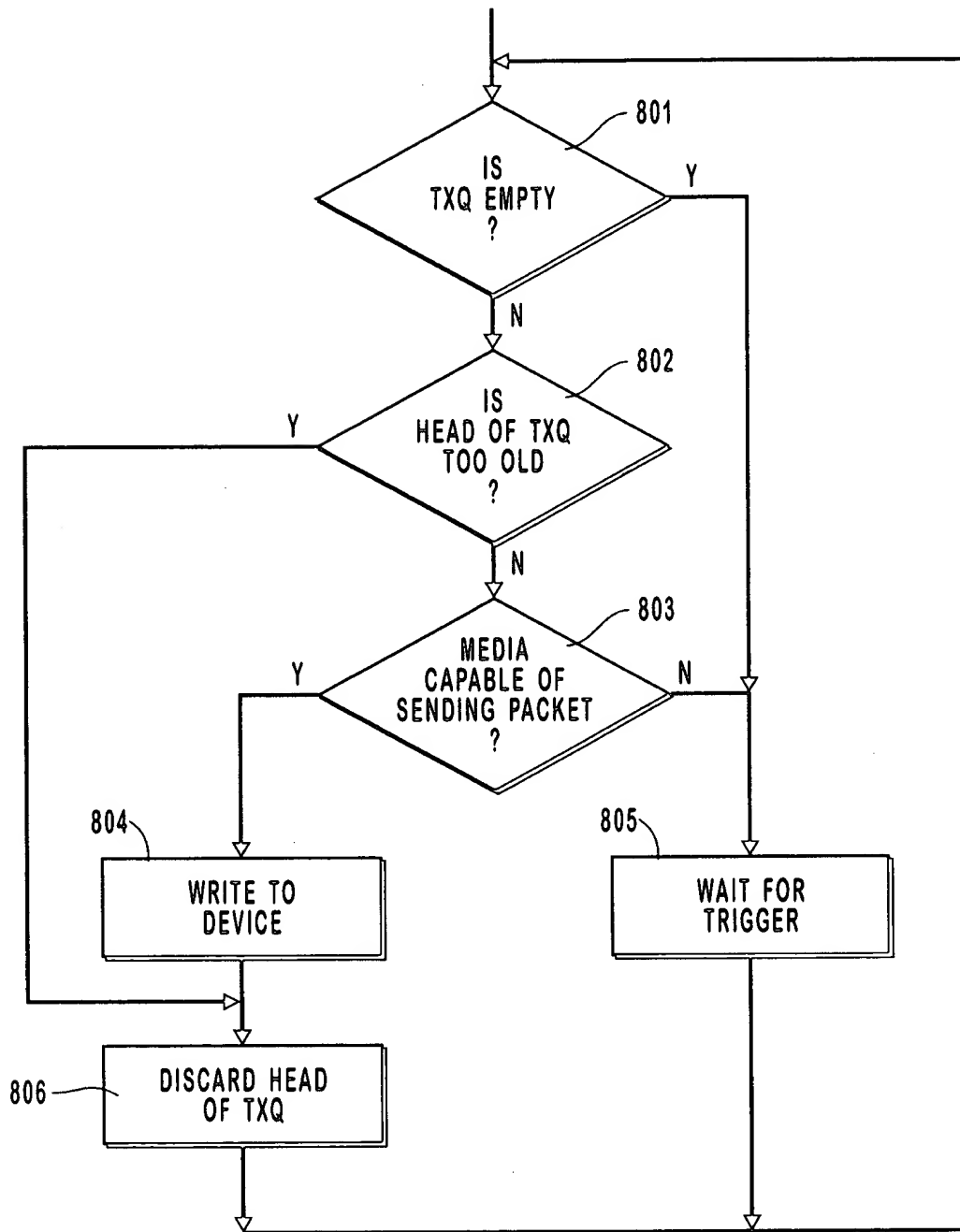


Fig. 8

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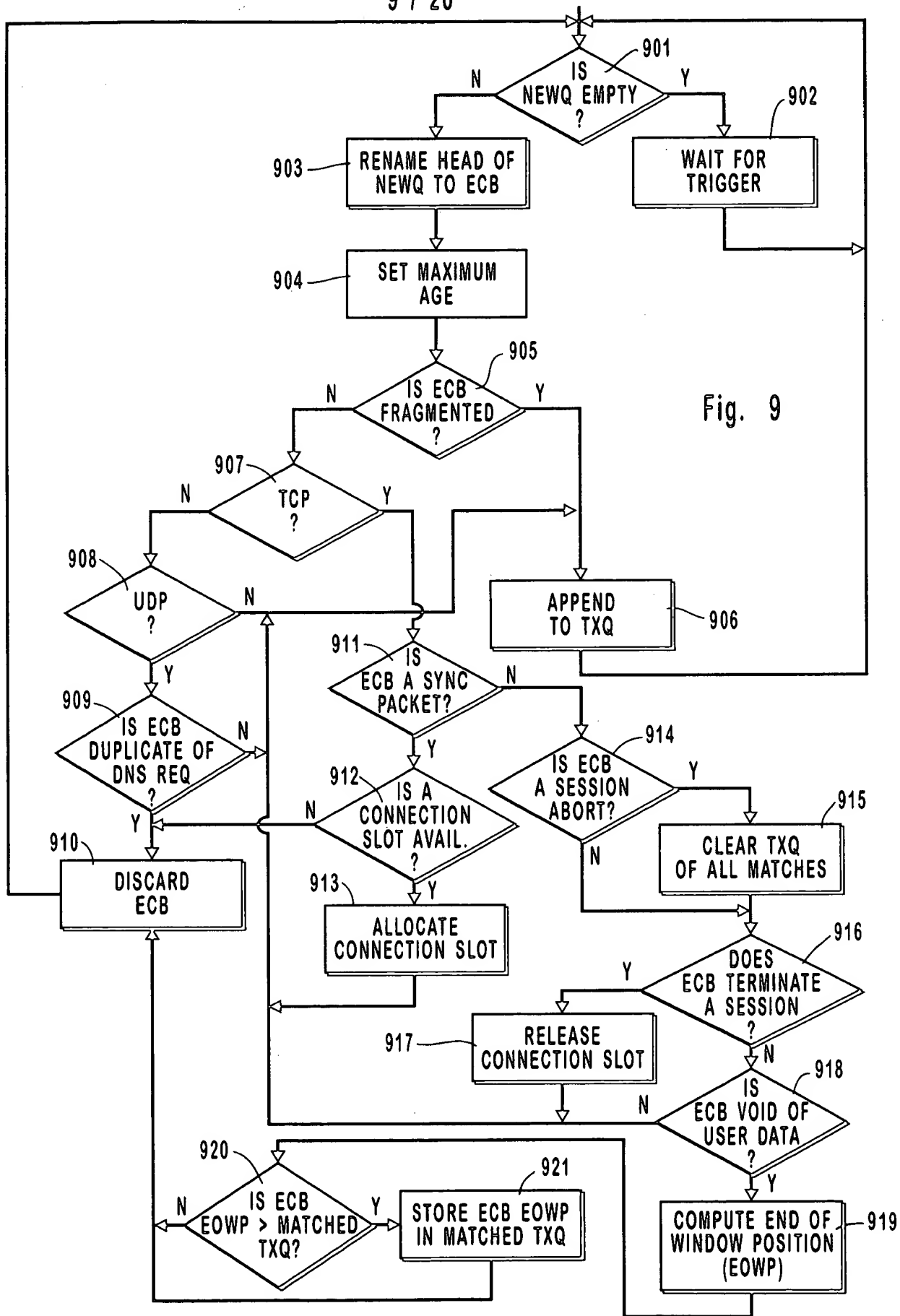


Fig. 9

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DPC AGENT PROGRAM 1.50

**DPCAGENT Options**

Package Delivery

Display MLID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-1

DPC AGENT PROGRAM 1.50

**Digital Package Delivery**

DIRECPC	AVI	Marilyn Avi
DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority

Status <TAB> Sorting <Enter> Details <Ins> Download <DEL> Cancel  
Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-2

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DPC AGENT PROGRAM 1.50

**DPCAGENT Options**

- Package Delivery
- Display MLID Stats
- DPC Configuration
- Dish Pointing
- Adapter Information
- Modem Control
- Exit DPCAGENT

Modem Status: IDLE      Tx ☐ Rx ☐ Cd ☐

Package Status: marilyn avi  52%      1755510/3374352

Select an Option <Enter>      Users 50      Keys ☐ Signal ☐

Fig. 10b-1

DPC AGENT PROGRAM 1.50

**Digital Package Delivery**

DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority
CONFIRM DIRECPC	AVI	Marilyn Avi

Modem Status: IDLE      Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter>      Users 50      Keys ☐ Signal ☐

Fig. 10b-2

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DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority
NEEDED DIRECPC	AVI	Marilyn Avi

Status

<TAB> Sorting

<Enter> Details

<Ins> Download

<DEL> Cancel

Modem Status: Dialing

Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter>
☐

Fig. 10c-1

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority
NEEDED DIRECPC	AVI	Marilyn Avi

Status

<TAB> Sorting

<Enter> Details

<Ins> Download

<DEL> Cancel

Modem Status: Disconnecting from Package Delivery

Tx ☐ Rx ☐ Cd ☐

Package Status: marilyn.avi

20%

688512/3374352

Select an Option <Enter>

Users 50
Keys ☐
Signal ☐

Fig. 10c-2

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APPROVED	O.G. FIG.	
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**DPC AGENT PROGRAM 1.50**

**DPC\_1\_EII [Dpc port=140 int=B frame=ETHERNET\_II]**

Version 1.20  
Node Address: 80AE000001  
Protocols:  
  ARP  
  IP  
Generic statistics  
  Total packets sent: 1  
  Total packets received: 0  
  No ECB available count: 0  
  Send packet too big count: 0  
  Reserved: Not Supported  
  Receive packet overflow count: 0  
  Receive packet too big count: 0  
  Receive packet too small count: Not Supported  
  Send packet miscellaneous errors: 0  
  Receive packet miscellaneous errors: 0

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-1

**DPC AGENT PROGRAM 1.50**

**DPC\_1\_EII [Dpc port=140 int=B frame=ETHERNET\_II]**

Send abort from excessive deferral 0  
Receive abort from bad frame alignment 0

Custom statistics  
  Signal Quality 235  
  Rx Frequency 13,300  
  Largest Received IP Frame 0  
  Number of Receive IP Frames over 400 0  
  Ave size of Receive IP frames over 400 0  
  Mips Rx enable commands 0  
  Mips Rx disable commands 0  
  Mips frames accepted 6,962  
  Mips frames rejected from no filter match 1,489,475  
  Mips frames rejected from zero address 0  
  Mips frames rejected from adapter disabled 0  
  Mips frames rejected from low buffer pool 3,611,966

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-2

09817718-032601

APPROVED	O.G. FIG.
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DPC AGENT PROGRAM 1.50

**DPC Configuration**

Modem Configuration

Package Delivery Configuration

Provider Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-1

DPC AGENT PROGRAM 1.50

**Modem Configuration Editor**

Packet Life(sec)	= 120
Call Setup(sec)	= 60
Aync Buffer Size	= 8192
Dial Prefix	= ATDT
Hangup Str	= ATH0
Disconnect str	= NO CARRIER
Escape Str	= +++
Connect str	= CONNECT
Init str	= AT&F1

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-2

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DPC AGENT PROGRAM 1.50

Package Delivery Configuration Editor	
Package Phone	= 1-800-825-3954
Package Baud	= 9600
Package Inactivity(sec)	= 10
Max Database Entries	= 1024

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor	
Outbound Protocol = Modem - PPP	
Internet Phone	= 343-2720
Internet Baud	= 57600
Internet MTU	= 1500
Internet Inactivity(sec)	= 180
IP Address(ISP)	= 153.35.210.185
Hybrid gateway Address	= 206.71.99.5
Auto Login Enabled	= No
Modify Auto login Script	
Modify PPP Configuration	

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-2

09817718-032601

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DPC AGENT PROGRAM 1.50	
Login Script Editor	
Wait1:	Wait Timeout 1= 10
Send1:	
Wait2:	Wait Timeout 2= 5
Send2:	
Wait3:	Wait Timeout 3= 5
Send3:	
Wait4:	Wait Timeout 4= 5
Send4:	
Wait5:	Wait Timeout 5= 5
Send5:	
Wait6:	Wait Timeout 6= 5
Send6:	
Wait7:	Wait Timeout 7= 5
Send7:	
Wait8:	Wait Timeout 8= 5
Send8:	
Wait9:	Wait Timeout 9= 5
Send9:	
Modem Status: IDLE Package Status: IDLE Select an Option <Enter>	
Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>	

Fig. 10g-1

DPC AGENT PROGRAM 1.50	
Provider Configuration Editor	
Outbound Protocol = Modem - PPP	
PPP Configuration Editor	
Authentication User Name: Authentication Password :	
Maximum Receive Unit : 1400 Asynch. Control Char Map: 0x0	
Modify Auto Login Script Modify PPP Configuration	
Modem Status: IDLE Package Status: IDLE Select an Option <Enter>	
Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>	

Fig. 10g-2

09817718-032601



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DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = Modem - PPP

Internet Phone	=	Outbound Protocol
Internet Baud	=	
Internet MTU	=	
Internet Inactivity(sec)	=	Modem - SLIP
IP Address(ISP)	=	Modem - PPP
Hybrid gateway Address	=	LAN/WAN

Auto Login Enabled = No

Modify Auto login Script

Modify PPP Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = LAN/WAN

Network Route Configuration Editor

Interface: 2

Router Mac Address: 00-00-0c-4a-55-f4

Auto Login Enabled = No

Modify Auto Login Script

Modify Network Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-2

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DPC AGENT PROGRAM 1:50

Dish Pointing

Antenna Pointing Calculations

Signal Strength Meter

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-1

DPC AGENT PROGRAM 1:50

Antenna Pointing Calculations

Country = USA	Region = Utah
City = Orem	Service = Hughes
Satellite Longitude = 99	Satellite = Galaxy 4
Satellite Polarization = Horz	Hemisphere = West
	Frequency = 1330

Ground Longitude degrees = 111	minutes = 42	Hemisphere=West
Ground Latitude degrees = 40	minutes = 19	Hemisphere=North

COMPUTE NOW

Elevation = 41.608868  
True Azimuth 160.800003  
Magnetic Azimuth 147.300003  
Polarization -14.500000

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-2

09817718 032601

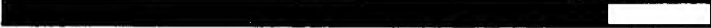
APPROVED	O.G. FIG.	
RV	CLASS	SUBCLASS
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DPC AGENT PROGRAM 1.50

**Satellite Dish Signal Strength Meter**

0%
100%



Frequency = 1330  
Average SQF = 130  
Signal Quality = 130 (87%) (Signal Locked)

Modem Status: IDLE  
Package Status: IDLE  
Select an Option <Enter>

Tx ☐ Rx ☐ Cd ☐  
Users 50 Keys ☐ Signal ☐

Fig. 10j-1

DPC AGENT PROGRAM 1.50

**DPC Adapter Information**

Serial Number = 011466  
Site ID = DP000104  
Have Keys Status = TRUE  
Number of Communitites = 6  
Communities:

00000103	00000102	00013000	00019100
00019100	0001DE00		

Modem Status: IDLE  
Package Status: IDLE  
Select an Option <Enter>

Tx ☐ Rx ☐ Cd ☐  
Users 50 Keys ☐ Signal ☐

Fig. 10j-2

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APPROVED	O.G. FIG.	
RV	CLASS	SUBCLASS
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DPC AGENT PROGRAM 1:50				
<table border="1"> <tr> <td>Modem Control Options</td> </tr> <tr> <td> <table border="1"> <tr> <td>Disconnect the Modem</td> </tr> </table> Dial the Internet  Dial the Package Delivery  Send to the Modem </td> </tr> </table>		Modem Control Options	<table border="1"> <tr> <td>Disconnect the Modem</td> </tr> </table> Dial the Internet Dial the Package Delivery Send to the Modem	Disconnect the Modem
Modem Control Options				
<table border="1"> <tr> <td>Disconnect the Modem</td> </tr> </table> Dial the Internet Dial the Package Delivery Send to the Modem	Disconnect the Modem			
Disconnect the Modem				
Modem Status: IDLE Package Status: IDLE Select an Option <Enter>	Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>			

Fig. 10k

09817718-032601